



CVE-2023-4611

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2023-4611
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-08-29 22:15:00 UTC
Updated	2023-11-07 04:22:00 UTC
Description	A use-after-free flaw was found in mm/mempolicy.c in the memory management subsystem in the Linux Kernel. This issue

Risk And Classification

Problem Types: CWE-416

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	6.5	rc1	All	All
Operating System	Linux	Linux Kernel	6.5	rc2	All	All
Operating System	Linux	Linux Kernel	6.5	rc3	All	All

References

Reference	Source
Patch "mm/mempolicy: Take VMA lock before replacing policy" has been added to the 6.4-stable tree — Linux Stable Commits	MISC
cve-details	MISC
2227244 – (CVE-2023-4611) CVE-2023-4611 kernel: Use after free race between mbind() and VMA-locked page fault	MISC
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[907541](#) Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (28546-1)

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